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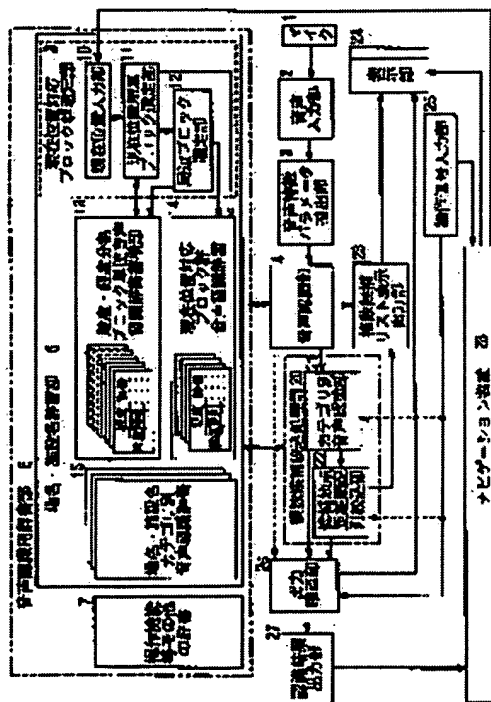
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(54) VOICE RECOGNITION UNIT FOR NAVIGATION

(57)Abstract:

PROBLEM TO BE SOLVED: To efficiently perform the voice recognition processing operation of a place name or an installation name, to reduce the processing burden of a voice recognition unit and to enhance processing speed.

SOLUTION: The voice recognition dictionaries of Japan, the U.S.A. or the like as a whole are divided into latitudes and longitudes so as to be stored in a plurality of latitude-and-longitude division-block unit voice recognition dictionary storages 13. A present-position signal is input from a navigation system 28, a block to which a present position belongs is selected, a peripheral block which exists in the circumference of the block is selected, a latitude and longitude division block which corresponds to a group of the blocks is selected, and a present-position-computing-block group voice recognition dictionary 14 is created. When a user inputs a voice from a microphone 1, a voice recognition part 4 retrieves the phoneme data in the dictionary 14, and the place name or the facility name which corresponds to the input voice is retrieved. When a plurality of candidates exist, they are narrowed down by a plurality-of-candidates narrow-down processing part 20, by using categories or distances from the present position.



LEGAL STATUS

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